



PTO/SB/08a (07-09)

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

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of

6

Complete if Known

Application Number	10/579,350
Filing Date	August 16, 2007
First Named Inventor	Jackson
Art Unit	1797
Examiner Name	Denise R. Anderson
Attorney Docket Number	Thompson 0009

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 5,074,999	12-24-1991	Drori	
		US- 5,114,574	05-19-1992	CFR Corporation	
		US- 5,589,080	13-31-1996	CFR Corporation	
		US- 2002/0008068	01-24-2002	Anderson	
		US- 2,796,146	06-18-1957	Hersey	
		US- 4,923,600	05-08-1990	Lenox Institute for Research	
		US- 5,246,580	09-21-1993	Stedfeldt	
		US- 5,192,429	03-09-1993	Bader	
		US- 5,490,924	02-13-1996	Control Systems Innovations	
		US- 5,228,993	07-20-1993	Drori	
		US- 5,545,321	09-13-1996	Drori	
		US- 4,308,142	12-29-1981	Honeywell	
		US- 3,574,509	04-13-1971	Zum Industries	
		US- 5,152,891	10-06-1992	T/M Industrial Supply	
		US- 5,164,079	11-17-1992	Lenzing Aktiengesellschaft	
		US- 2004/0144728	07-29-2004	Moller	
		US- 6,267,879	07-31-2001	Odis Irrigation Equipment	
		US- 6,080,304	06-27-2000	GEX Corporation	
		US- 4,295,965	10-20-1981	Koster	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		DE 1247272	08-17-1967	Bilabel		
		DE 3611075	08-10-1987	Boll & Kirch Filterbau		
		DE19916545	10-14-1999	Schawohl, Georg		
		DE20000897	05-04-2000	Bierduempfl, Wolfgang		
		EP0259000	03-09-1988	James Howden & Co.		
		EP0429409	05-29-1991	GEL		

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Sheet **2** of **6****U. S. PATENT DOCUMENTS**

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		Number-Kind Code ² (if known)			
		US- 4,042,504	08-16-1977	Drori	
		US- 5,733,464	03-31-1998	Clearwater Fish & Pond Supply	
		US- 3,221,886	12-07-1965	E&M Lamont Fils	
		US- 6,077,422	06-20-2000	Filter Technologies Pty	
		US- 4,282,105	08-04-1981	J.R. Schneider Co.	
		US- 3,969,248	07-13-1976	The Whitmer Company	
		US- 5,714,065	02-03-1998	Huder	
		US- 4,230,576	10-28-1980	Muller et al	
		US- 4,404,106	09-13-1983	Muller et al	
		US- 4,085,051	04-18-1978	Kaminsky et al	
		US- 4,975,189	12-04-1990	Liszka	
		US- 4,867,870	09-19-1989	Westvaco Corp.	
		US- 4,060,483	11-29-1977	Barzuza	
		US- 3,331,509	07-18-1967	Michigan Dynamics	
		US- 4,312,752	01-26-1982	Malik	
		US- 4,025,431	05-24-1977	Indianapolis Center Adv Res	
		US- 5,582,722	12-10-1996	Ashbrook	
		US- 6,276,302	08-21-2001	Lee	
		US- 3,720,317	03-13-1973	Metaframe Corp.	

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		EP0460842	12-11-1991	Filtration Ltd		
		EP0484896	05-13-1992	Askoll S.p.A.		
		EP0623372	11-09-1994	Filtration Limited		
		EP0925817	10-21-1998	Hans Grohe GmbH & Co.		
		EP1520612	04-06-2005	PTI Technologies		
		FR2163433	07-27-1973	Lewis, Robert		

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Sheet	5	of	6		

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		KR20050007259	01-17-2005	Tae Young Corp		
		WO00/61258	10-19-2000	Hosford, James Peter		
		WO01/17662	03-15-2001	The Cleveland Clinic		
		WO99/40410	08-12-1999	The Cleveland Clinic		
		GB2185418	07-22-1987	Dowty Mining Machinery		
		GB2188250	09-30-1987	Dowty Mining Machinery		

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				Examiner Name	Denise R. Anderson
Sheet	6	of	6	Attorney Docket Number	Thompson 0009

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		"Rotorflush Filter Pump", Rotorflush Filters Limited; 10 May 2005, pp 1-3.	
		"Water treatment for Micro-irrigation"; David Ross; Biological Resources Engineering Facts; Dept of Biological Resources Engineering; Sept 1989	

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